

STATE OF NEW HAMPSHIRE
SITE EVALUATION COMMITTEE

DOCKET NO. 2015-01

PREFILED DIRECT TESTIMONY OF KIM ERIC HAZARVARTIAN, Ph.D., P. E.,

PTOE

June 26, 2015

1 **Q. Please state your name and address.**

2 A. My name is Kim Eric Hazarvartian and my address is TEPP LLC, 93 Stiles Road, Suite
3 201, Salem, New Hampshire 03079.

4 **Q. How are you employed?**

5 A. I am principal engineer with TEPP LLC.

6 **Q. What is your educational background and qualifications?**

7 A. I specialize in transportation impacts of land developments, traffic operations and traffic
8 safety, accident and litigation support. I have consulting, academic, or government sector
9 experience since 1981 in these and other areas. I am a licensed Professional Engineer in the
10 State of New Hampshire and a certified Professional Traffic Operations Engineer. I hold a
11 Bachelor of Science in Civil Engineering from the University of Kansas, a Master of Science in
12 Civil Engineering from the University of Kansas and a Doctor of Philosophy in Civil
13 Engineering, specializing in transportation, from the University of Massachusetts.

14 I have served as International Director for Northeastern District (District 1) of the
15 Institute of Transportation Engineers (ITE) as well as Chairman of ITE District 1, President of
16 the ITE New England Section and President of the ITE New Hampshire Chapter. I am also
17 affiliated with the American Society of Civil Engineers, Transportation Research Board, Society

1 of American Military Engineers, Chi Epsilon national civil engineering honor society and Sigma
2 Xi scientific research society.

3 **Q Has TEPP LLC been retained by SEA-3, Inc.?**

4 A. Yes.

5 **Q. What was TEPP LLC hired to do?**

6 A. TEPP LLC was hired to prepare a Traffic Assessment Memorandum regarding propane
7 transport-truck traffic related to SEA-3's proposed expansion.

8 **Q. I'm showing you a document that's been marked KEH Exhibit 1, can you identify
9 this document?**

10 A. Yes, this is a copy of TEPP LLC's Traffic Assessment Memorandum dated March 24,
11 2014, that I prepared for submission to the Newington Planning Board.

12 **Q. What is your understanding of the proposed expansion?**

13 A. The Sea-3, Inc. facility encompasses a transportation terminal that includes three
14 components:

- 15 • water-side, with bulk transport of LPG in vessels
- 16 • rail-side, with bulk transport of LPG in rail cars
- 17 • land-side, with bulk transport of LPG in transport trucks

18 The proposed site-plan modifications involve an expansion of the terminal's rail-side capacity to
19 increase SEA-3's access to the domestic propane market.

20 **Q. Has SEA-3 proposed any changes to the facility's truck loading rack?**

21 A. No, SEA-3 has proposed no changes to the truck loading rack.

22 **Q. Will the proposed improvements affect the capacity of the truck loading rack?**

1 A. No, the proposed site-plan modifications do not materially affect the transport-truck land-
2 side component.

3 **Q. Are you aware of the facility’s historical truck volumes?**

4 A. Yes.

5 **Q. How far back?**

6 A. Back to the year 2002.

7 **Q. Will the proposed improvements allow the facility to exceed that volume?**

8 A. Approximate average daily transport trucks per peak-month operating day is not
9 anticipated to exceed the historical range. In any event, the land-side transport-truck
10 configuration will not change and it limits the number of trucks that can be filled with liquefied
11 petroleum gas to about 10 per hour.

12 **Q. Since preparing the Traffic Assessment Memorandum that has been marked as**
13 **KEH Exhibit 1, have you learned any additional information that would cause you to**
14 **change the conclusions set forth in the Memorandum?**

15 A. No.

Exhibit List

KEH Exhibit 1 - TEPP LLC Traffic Assessment Memorandum